(b) the steps proposed to be taken to further enhance the productivity of energy through this process and the investment proposed to be made in this scheme during the Eleventh Five Year Plan, year-wise?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) As per the information provided by Punjab Energy Development Agency (PEDA), around 77.73 million units, 109.35 million units and 128.83 million units of electricity were produced through renewable power projects in Punjab during the years 2005, 2006 and 2007 respectively. This apart, a large number of decentralized renewable energy systems/devices have also contributed to conservation of conventional energy.

(b) The State Government has planned to achieve 10% contribution to total power generation in the State through renewable energy sources by 2012. Year-wise details of the proposed enhancement of renewable energy and corresponding estimated investment during the Eleventh Plan, are given in the Statement.

Statement

Year-wise details of the proposed enhancement of renewable energy and corresponding estimated investment during the Eleventh Plan in Punjab

Sl. No.	Year	Proposed enhancement of production of energy (MU)	Tentative Investment (Rs. in crores)
1.	2007-2008	105.45	426.60
2.	2008-2009	141.31	688.13
3.	2009-2010	373.00	1577.00
4.	2010-2011	191.71	1875.39
5.	2011-2012	105.12	589.20
	TOTAL:	916.59	5156.32

Setting up of National Bio-fuel Development Board

1786. SHRI TARIQ ANWAR: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether it is a fact that Government is planning to set-up National Bio-fuel Development Board;

(b) if so, the details thereof; and

(c) the incentives Government is providing to farmers engaged in the production of biofuel crops?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) and (b) Under the Allocation of Business Rules, the Ministry of New & Renewable Energy has been given the responsibility of setting up of a National Bio-fuel Development Board. The proposal for setting up of the Board including its draft Terms of Reference and composition has been submitted for necessary approvals.

(c) The Ministry of Agriculture is providing subsidy through National Oilseeds and Vegetable Oils Development (NOVOD) Board to the farmers, Non-Governmental Organizations (NGOs), individuals etc. for production of Tree Borne Oilseeds (TBOs), including bio-fuel crops, under the Integrated Development of Tree Borne Oilseeds Scheme. Under this scheme, 30% credit linked subsidy is being provided, which is linked with 50% term loan to be taken from bank, and 20% beneficiary share in the form of land, labour etc. Further, the Ministry of Rural Development has provided financial assistance to the tune of Rs. 49.00 crore to 9 identified States in 2005-06 and Rs. 49.50 crore to 15 States in 2006-07 for the purpose of raising jatropha/pongamia seedlings and plantation of the same under the ongoing States/Central Sector area development programmes.

Solar water heaters

1787. DR. ABHISHEK MANU SINGHVI: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the efforts made by Government to implement the use of solar water heaters for domestic use as this is very essential because major parts of the country are facing a power crisis; and

(b) whether there are some schemes available in this regard and if so, how many such subsidized solar water heaters have been provided or installed, so far?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) and (b) Efforts made to promote the use of solar water heaters in the country include financial assistance through capital or interest subsidy; promotional measures by State Governments such as amendment of building bye-laws, rebate in property tax, electricity bills; and, publicity and awareness campaigns. Under the scheme on accelerated development and deployment of solar water heaters being implemented through banks and financial institutions, upfront interest subsidy is available for soft loans to different categories of users. Loans to domestic users are available at an effective interest rate of 2%, 28 banks and financial institutions are participating in the scheme.

Over 21 lakh sq. m. of collector area has so far been installed for solar water heaters in the country. Apart from installation in institutional buildings, industry and commercial establishments, about 7.5 lakh homes are estimated to have been covered including installations under the interest subsidy scheme.

Funds for solar energy in Assam

1788. KUMAR DEEPAK DAS: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government has any proposal for allocating funds to popularise solar energy in Assam;

(b) whether Government would consider special schemes of solar energy system in the remote village areas like Chhar area in North-Eastern Region;

(c) What is the perspective planning for setting up of such power plants of renewable energy in Assam during the Eleventh Five Year Plan; and